

We claim:

1. An interlayer composite, comprising:
  - 5       a first polymeric support film layer having a first pattern printed thereon;  
          a first adhesive polymer layer; and,  
          a second polymeric support film layer having a second pattern printed thereon,  
wherein said first adhesive polymer layer is disposed between and in contact with said  
first polymeric support film layer and said second polymeric support film layer.
- 10   2. The interlayer composite of claim 1, wherein said first polymeric support film and  
said second polymeric support film comprise polyethylene terephthalate.
- 15   3. The interlayer composite of claim 1, wherein said first adhesive polymer layer  
comprises poly(vinyl butyral).
- 20   4. The interlayer composite of claim 1, further comprising a second adhesive polymer  
layer disposed in contact with said first polymeric support film and a third adhesive  
polymer layer disposed in contact with said second polymeric support layer.
- 25   5. The interlayer composite of claim 4, wherein said second adhesive polymer layer and  
said third adhesive polymer layer each comprise poly(vinyl butyral).
6. The interlayer composite of claim 5, wherein either of said second adhesive polymer  
layer and said third adhesive polymer layer comprises one or more coloring agents.
7. The interlayer composite of claim 5, wherein both of said second adhesive polymer  
layer and said third adhesive polymer layer comprise one or more coloring agents.
- 30   8. The interlayer composite of claim 1, wherein said first pattern and said second pattern  
are the same.

9. The interlayer composite of claim 1, wherein said first pattern and said second pattern are non-aligned.
- 5 10. The interlayer composite of claim 1, wherein said first pattern and said second pattern are different.
11. An interlayer composite, comprising:  
a polymeric support film layer having a first pattern printed on one side and a  
10 second pattern printed on the other side;  
a first adhesive polymer layer; and,  
a second adhesive polymer layer, wherein said polymeric support film is disposed between and in contact with said first adhesive polymer layer and said second adhesive polymer layer.
- 15 12. The interlayer composite of claim 11, wherein said polymeric support film comprises polyethylene terephthalate.
13. The interlayer composite of claim 11, wherein said first adhesive polymer layer and  
20 said second adhesive polymer layer each comprise poly(vinyl butyral).
14. The interlayer composite of claim 13, wherein either of said first adhesive polymer layer and said second adhesive polymer layer comprises one or more coloring agents.
- 25 15. The interlayer composite of claim 13, wherein both of said first adhesive polymer layer and said second adhesive polymer layer comprise one or more coloring agents.
16. The interlayer composite of claim 11, wherein said first pattern and said second pattern are the same.
- 30

17. The interlayer composite of claim 11, wherein said first pattern and said second pattern are non-aligned.
18. The interlayer composite of claim 11, wherein said first pattern and said second pattern are different.
19. A multiple layer glass panel, comprising:  
a first layer comprising polyethylene terephthalate, wherein said first layer transmits visible light in a pattern;  
a second layer comprising poly(vinyl butyral), wherein said second layer is disposed in contact with said first layer; and,  
a third layer comprising polyethylene terephthalate, wherein said third layer transmits visible light in a pattern and is disposed in contact with said second layer.
20. The glass panel of claim 19, further comprising a fourth layer comprising poly(vinyl butyral), wherein said fourth layer is disposed in contact with said first layer.
21. The glass panel of claim 20, further comprising a fifth layer comprising poly(vinyl butyral), wherein said fifth layer is disposed in contact with said third layer.
22. The glass panel of claim 21, further comprising a sixth layer of glass, wherein said sixth layer is disposed in contact with said fourth layer.
23. The glass panel of claim 21, further comprising a seventh layer of glass, wherein said seventh layer is disposed in contact with said fifth layer.
24. The glass panel of claim 21, wherein said fourth layer comprises an agent that selectively absorbs light in the visible spectrum.
25. The glass panel of claim 21, wherein said fifth layer comprises an agent that selectively absorbs light in the visible spectrum.

26. The glass panel of claim 21, wherein said third layer comprises an agent that selectively absorbs light in the visible spectrum.
- 5 27. The glass panel of claim 21, wherein said fourth layer comprises an agent that selectively absorbs light in the visible spectrum and said fifth layer comprises an agent that selectively absorbs light in the visible spectrum.
28. The glass panel of claim 27, wherein said agent in said fourth layer and said agent in  
10 said fifth layer are different.
29. The glass panel of claim 19, wherein said pattern of said first layer and said pattern of said third layer are the same pattern.
- 15 30. The glass panel of claim 19, wherein said pattern of said first layer and said pattern of said third layer are different patterns.
31. The glass panel of claim 19, wherein said first layer comprises a layer of polyethylene terephthalate having a coating of pigment deposited on one side, wherein  
20 said pigment is distributed on said layer of polyethylene terephthalate in said pattern.
32. The glass panel of claim 19, wherein said third layer comprises a layer of polyethylene terephthalate having a coating of pigment deposited on one side, wherein  
25 said pigment is distributed on said layer of polyethylene terephthalate in said pattern.
33. A method of altering the light transmission between two areas, comprising:  
providing a multiple layer glass panel between said two areas, wherein said glass panel comprises: a first layer comprising polyethylene terephthalate, wherein said first layer transmits visible light in a pattern; a second layer comprising poly(vinyl butyral),  
30 wherein said second layer is disposed in contact with said first layer; and, a third layer

comprising polyethylene terephthalate, wherein said third layer transmits visible light in a pattern and is disposed in contact with said second layer; and,  
transmitting light through said glass panel.

5 34. The method of claim 33, wherein said glass panel further comprises a fourth layer comprising poly(vinyl butyral), wherein said fourth layer is disposed in contact with said first layer; a fifth layer comprising poly(vinyl butyral), wherein said fifth layer is disposed in contact with said third layer; a sixth layer of glass, wherein said sixth layer is disposed in contact with said fourth layer; and, a seventh layer of glass, wherein said  
10 seventh layer is disposed in contact with said fifth layer.

35. The method of claim 34, wherein said fourth layer comprises an agent that selectively absorbs light in the visible spectrum.

15 36. The method of claim 34, wherein said fifth layer comprises an agent that selectively absorbs light in the visible spectrum.

37. The method of claim 34, wherein said third layer comprises an agent that selectively absorbs light in the visible spectrum.

20

38. A multiple layer glass panel, comprising:


a first layer comprising polyethylene terephthalate, wherein said first layer transmits visible light in a pattern;

a second layer comprising poly(vinyl butyral), wherein said second layer is  
25 disposed in contact with said first layer;

a third layer comprising polyethylene terephthalate, wherein said third layer transmits visible light in a pattern and is disposed in contact with said second layer;

a fourth layer comprising poly(vinyl butyral), wherein said fourth layer is disposed in contact with said first layer;

30 a fifth layer comprising poly(vinyl butyral), wherein said fifth layer is disposed in contact with said third layer;



a sixth layer of glass, wherein said sixth layer is disposed in contact with said fourth layer; and,

a seventh layer of glass, wherein said seventh layer is disposed in contact with said fifth layer.